# DIETHYLANILINE



- Chemical formula: C<sub>10</sub>H<sub>15</sub>N
- CAS No.: 91-66-7
- HS No.: 2921 4200
- Registration No.: 01-2119943758-22-0001
- Appearance: Diethylaniline is colourless to yellowish liquid with getting red to brown on air with characteristic odour.

## **GENERAL CHARACTERISTICS**

Parameter	Unit	Requirements
Density at 20 °C	kg∕m³	935
Boiling point	°C	230.9
Flash point	°C	84
Melting point	°C	-39

# **APPLICATIONS AREA**

N,N-diethylaniline is used mainly for **production of dyes** and special chemicals, **pigments and optical brighteners**, in agriculture and chemical synthesis.

# **SEGMENTS**

- Agriculture
- Antioxidans
- Catalysis and Chemicals Processing
- Chemical synthesis
- Colourants for paper
- Dyestuffs, pigments and optical brighteners
- Food industry and auxiliaries
- $\cdot\;$  Hardener and crosslinking agents for polymers
- Manufacturing of food dyestuffs
- Manufacturing of fragrances and flouvours
- Manufacturing of paper dyestuffs
- Manufacturing of pharmaceutical agents
- Manufacturing of plastics
- $\cdot \,$  Manufacturing of reprographic chemicals
- Manufacturing of textile dyestuffs
- Paper and board
- Pesticides
- Photography
- Polyester

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• Polymer auxiliaries, Polymers

# **SPECIFICATIONS**

Parameter	Unit	Requirements
Diethylaniline	wt. % min.	99.0
N-Ethylaniline	wt. % max.	0.8
Organic impurities	wt. % max.	0.2
Water	wt. % max.	0.1

## **SYNONYMS**

Benzenamine, N,N-diethyl-N,N-Diethylaminobenzene Diethylphenylamine

### **HEALTH HAZARD EFFECTS**

Toxic in all types of contact.

## **ADR REGULATIONS**

UN 2432 N,N-DIETHYLANILINE, 6.1, III, (E)

## PACKAGING

Drums (216 l) IBC (1,000 l)

16 l) 190 kg () l) 900 kg

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